Scenario for the pressurization of the LH2 absorber window

The measurement will be performed with chosen methods:

- voltage measurement,
- resistance (2wires or 4 wires),

and the acquisition :

1. Keithley (static measurements),
2. ADC card (dynamic measurements),

In any case, you should registered more then 10 value per pressure conditions.

Steps:

1- Cycling: measurement of the strains and displacements for :
   - 0 PSIg
   - 2.90 PSIg
   - 5.80 PSIg
   - 0 PSIg

   (Repeat 3 time)

2- Measurements of the strains and displacements for :
   - From 0 to 7.25 PSIg with increments of 1.45 PSIg
   - From 7.25 PSIg to the rupture with increments of 1.45/2 PSIg

   If you want to stay in the elastic mode of the aluminum window, then don't go further then 20 PSIg.

   If you refer to
   http://tspc01.fnal.gov/darve/mu_cool/pressuretest/Instrumentation/DAQ_organigram.doc
   then the pressure P1 max = 7.25 PSIg

The following table can be filled with the preliminary data:

	Load (PSIg)	(Mpa)	Voltage (mV)	strain radial	UY	Time start	Comment
	0						
1	**2.5**						
2	**5.0**						
3	**7.0**						
4	**8.0**						
5	**9.0**						
6	**10.0**						
7	**11.0**						
8	**12.0**						
9	**13.0**						
10	**14.0**						
11	**15.0**						
12	**16.0**						
13	**17.0**						
14	**16.0**						
15	**17.0**						
16	**18.0**						
17	**19.0**						
18	**20.0**						
19	**21.0**						
20	**22.0**						
21	**23.0**						
22	**24.0**						
23	**25.0**						
24	**26.0**						
25	**27.0**						
26	**28.0**						
27	**29.0**						
28	**30.0**						
29	**31.0**						
30	**32.0**						
31	**33.0**						
32	**34.0**						
33	**35.0**						
34	**36.0**						
35	**37.0**						
36	**38.0**						
37	**39.0**						
38							
39							
40							